Resin Enhanced Wax

The perfect solution for general purpose labelling

PrintheadSaver® B220 resin enhanced wax ribbon is a multi-purpose bar code ribbon that yields excellent results on a broad range of media. B220 is an economical solution for most applications. B220 operates at a low energy setting, prolongs printhead life and produces a high quality print thanks to our antistatic coating and high sensitivity inks.

Characteristics

- Low printhead energy
- Abrasion resistance
- Scratch resistance
- Print flexibility
- High density print
- Chemical resistance to common agents
- Chemical resistance to hazardous chemicals
- High speed
- Anti-static PrintheadSaver® coating for printhead protection

Applicable characteristics are indicated with dot

Applications

- Warehouse
- Healthcare
- Pharmaceutical
- Retail
- Horticulture
- Transportation
- Fresh Fruit/Produce
B220

Wax Resin - Flat Head Thermal Transfer Ribbon

Substrates

<table>
<thead>
<tr>
<th>Substrates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Papers</td>
<td>Coated</td>
</tr>
<tr>
<td>Synthetics</td>
<td>Polyester, Polyethylene, Polypropylene, PVC</td>
</tr>
</tbody>
</table>

Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrier</td>
<td>4.5µm Polyester film</td>
</tr>
<tr>
<td>Thickness</td>
<td>&lt; 8.0 µm</td>
</tr>
<tr>
<td>Color</td>
<td>Black</td>
</tr>
<tr>
<td>Ink melting point</td>
<td>70°C</td>
</tr>
<tr>
<td>Optical density (transmission)</td>
<td>&gt; 1.30</td>
</tr>
<tr>
<td>Optical density (reflective)</td>
<td>&gt; 1.90</td>
</tr>
</tbody>
</table>

Properties Table

| Resin Enhanced Wax                        | B220       |
|                                          |            |
| For general purpose labelling             |            |
|                                          |            |
| Extreme Series Wax Resin™                 | B121, B128, B120 |
| For optimum print quality                 |            |
|                                          |            |
| Extreme Series Resin™                     | B325, B324, D321 |
| For demanding applications                |            |
|                                          |            |
| Near Edge                                | B112, P110, P110 LV, P310 |
| For near edge or corner edge printers     |            |

Complete Range

ITW Thermal Films produce and supply a range of thermal ribbons for all applications. Contact us for further information on the B220 ribbon and our full product catalogue.

This information is the best currently available on the subject. The results should, however only be regarded as a general guide to material properties and not as a guarantee.

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